

Amendments to The Specification

Please replace the paragraph [0069] with the following rewritten paragraph:

[0069] Since the adhesive filling groove 24 is formed circumferentially continuously, the total bonding area increases, so that ~~radial~~ shaking in a radial direction can be prevented reliably. Further, the bonding capacity against shearing force that acts axially or circumferentially between the core metal 5 and the sensor housing 6 improves.

Please replace the paragraph [0070] with the following rewritten paragraph:

[0070] Simply by bending the claw-like engaging pieces 22 formed on the core metal 5 and fitting them in the grooves 23 formed in the sensor housing 6, it is possible to easily fix the core metal 5 and the sensor housing 6 together, and prevent coming off in the axial direction and circumferential displacement of the sensor housing.